

Y. Wessendor

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/050,359A

DATE: 09/22/2000
TIME: 12:51:23

Input Set : A:\FOWLK4B.txt
Output Set: N:\CRF3\09222000\I050359A.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:
6 (i) APPLICANT: FOWLKES, Dana M
7 KAY, Brian K
8 FRELINGER, Jeffrey A
9 HYDE-DERUYSCHE, Robin P
11 (ii) TITLE OF INVENTION: IDENTIFICATION OF DRUGS USING
12 COMPLEMENTARY COMBINATORIAL LIBRARIES
14 (iii) NUMBER OF SEQUENCES: 178
16 (iv) CORRESPONDENCE ADDRESS:
17 (A) ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
18 (B) STREET: 624 Ninth Street N.W., Suite 300
19 (C) CITY: Washington
20 (D) STATE: D.C.
21 (E) COUNTRY: U.S.A.
22 (F) ZIP: 20001
24 (v) COMPUTER READABLE FORM:
25 (A) MEDIUM TYPE: Floppy disk
26 (B) COMPUTER: IBM PC compatible
27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
30 (vi) CURRENT APPLICATION DATA:
C--> 31 (A) APPLICATION NUMBER: US/09/050,359A
C--> 32 (B) FILING DATE: 31-Mar-1998
33 (C) CLASSIFICATION:
39 (vii) PRIOR APPLICATION DATA:
36 (A) APPLICATION NUMBER: PCT/US97/19638
37 (B) FILING DATE: 31-OCT-1997
40 (A) APPLICATION NUMBER: US 08/740,671
41 (B) FILING DATE: 31-OCT-1996
43 (viii) ATTORNEY/AGENT INFORMATION:
44 (A) NAME: COOPER, Iver P
45 (B) REGISTRATION NUMBER: 28,005
46 (C) REFERENCE/DOCKET NUMBER: FOWLKES=4B
48 (ix) TELECOMMUNICATION INFORMATION:
49 (A) TELEPHONE: (202) 628-5197
50 (B) TELEFAX: (202) 737-3528
53 (2) INFORMATION FOR SEQ ID NO: 1:
55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH: 33 base pairs
57 (B) TYPE: nucleic acid
58 (C) STRANDEDNESS: single
59 (D) TOPOLOGY: linear
61 (ii) MOLECULE TYPE: cDNA
63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
65 GANNKNNKNK NKNKTTGGNN KNNKNNKNNK NNK
67 (2) INFORMATION FOR SEQ ID NO: 2:

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Input Set : A:\FOWLK4B.txt

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69      (i) SEQUENCE CHARACTERISTICS:
70      (A) LENGTH: 33 base pairs
71      (B) TYPE: nucleic acid
72      (C) STRANDEDNESS: single
73      (D) TOPOLOGY: linear
74
75      (ii) MOLECULE TYPE: cDNA
76
77      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
78      NNKNNKNNNNK NNKNNKTGGNN KNNKNNKNNK NNK
81 (2) INFORMATION FOR SEQ ID NO: 3:
82
83      (i) SEQUENCE CHARACTERISTICS:
84      (A) LENGTH: 33 base pairs
85      (B) TYPE: nucleic acid
86      (C) STRANDEDNESS: single
87      (D) TOPOLOGY: linear
88
89      (ii) MOLECULE TYPE: cDNA
90
91      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
92      NNKNNKGGANN NKNNKTGGNN KNNKNNKNNK NNK
95 (2) INFORMATION FOR SEQ ID NO: 4:
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97      (i) SEQUENCE CHARACTERISTICS:
98      (A) LENGTH: 33 base pairs
99      (B) TYPE: nucleic acid
100     (C) STRANDEDNESS: single
101     (D) TOPOLOGY: linear
102
103     (ii) MOLECULE TYPE: cDNA
104
105     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
106     NNKNNKNNKG ANNNKTGGNN KNNKNNKNNK NNK
109 (2) INFORMATION FOR SEQ ID NO: 5:
110
111     (i) SEQUENCE CHARACTERISTICS:
112     (A) LENGTH: 33 base pairs
113     (B) TYPE: nucleic acid
114     (C) STRANDEDNESS: single
115     (D) TOPOLOGY: linear
116
117     (ii) MOLECULE TYPE: cDNA
118
119     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
120     NNKNNKNNKN NKGANTGGNN KNNKNNKNNK NNK
123 (2) INFORMATION FOR SEQ ID NO: 6:
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125     (i) SEQUENCE CHARACTERISTICS:
126     (A) LENGTH: 33 base pairs
127     (B) TYPE: nucleic acid
128     (C) STRANDEDNESS: single
129     (D) TOPOLOGY: linear
130
131     (ii) MOLECULE TYPE: cDNA
132
133     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
134     NNKNNKNNKN KNNKNTGGGA NNNKNNKNNK NNK
137 (2) INFORMATION FOR SEQ ID NO: 7:
138
139     (i) SEQUENCE CHARACTERISTICS:
140     (A) LENGTH: 33 base pairs
141     (B) TYPE: nucleic acid
142     (C) STRANDEDNESS: single

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142 (D) TOPOLOGY: linear

143 (ii) MOLECULE TYPE: cDNA

145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

147 NNKNNKNNKN NKNNKTGGNN KGANNKNNK NNK 33

150 (2) INFORMATION FOR SEQ ID NO: 8:

152 (i) SEQUENCE CHARACTERISTICS:

153 (A) LENGTH: 33 base pairs

154 (B) TYPE: nucleic acid

155 (C) STRANDEDNESS: single

156 (D) TOPOLOGY: linear

157 (ii) MOLECULE TYPE: cDNA

159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

161 NNKNNKNNKN NKNNKTGGNN KNNKGANNK NNK 33

163 (2) INFORMATION FOR SEQ ID NO: 9:

165 (i) SEQUENCE CHARACTERISTICS:

166 (A) LENGTH: 33 base pairs

167 (B) TYPE: nucleic acid

168 (C) STRANDEDNESS: single

169 (D) TOPOLOGY: linear

171 (ii) MOLECULE TYPE: cDNA

173 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

175 NNKNNKNNKN NKNNKTGGNN KNNKNNKGAN NNK 33

177 (2) INFORMATION FOR SEQ ID NO: 10:

179 (i) SEQUENCE CHARACTERISTICS:

180 (A) LENGTH: 33 base pairs

181 (B) TYPE: nucleic acid

182 (C) STRANDEDNESS: single

183 (D) TOPOLOGY: linear

184 (ii) MOLECULE TYPE: cDNA

186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

188 NNKNNKNNKN NKNNKTGGNN KNNKNNKNNK GAN 33

190 (2) INFORMATION FOR SEQ ID NO: 11:

192 (i) SEQUENCE CHARACTERISTICS:

193 (A) LENGTH: 10 amino acids

194 (B) TYPE: amino acid

195 (C) STRANDEDNESS: single

196 (D) TOPOLOGY: linear

197 (ii) MOLECULE TYPE: peptide

199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

201 Xaa Xaa Xaa Xaa Tyr Xaa Xaa Xaa Xaa Xaa

202 1 5 10

204 (2) INFORMATION FOR SEQ ID NO: 12:

206 (i) SEQUENCE CHARACTERISTICS:

207 (A) LENGTH: 10 amino acids

208 (B) TYPE: amino acid

209 (C) STRANDEDNESS: single

210 (D) TOPOLOGY: linear

211 (ii) MOLECULE TYPE: peptide

213 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

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Input Set : A:\FOWLK4B.txt
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X--> 215      Xaa Xaa Xaa Xaa Tyr Leu Xaa Xaa Xaa Xaa
      216      1              5              10
      218 (2) INFORMATION FOR SEQ ID NO: 13:
      220 (i) SEQUENCE CHARACTERISTICS:
      221 (A) LENGTH: 10 amino acids
      222 (B) TYPE: amino acid
      223 (C) STRANDEDNESS: single
      224 (D) TOPOLOGY: linear
      226 (ii) MOLECULE TYPE: peptide
      228 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
X--> 230      Xaa Xaa Xaa Pro Pro Xaa Xaa Pro Xaa Xaa
      231      1              5              10
      233 (2) INFORMATION FOR SEQ ID NO: 14:
      235 (i) SEQUENCE CHARACTERISTICS:
      236 (A) LENGTH: 14 amino acids
      237 (B) TYPE: amino acid
      238 (C) STRANDEDNESS: single
      239 (D) TOPOLOGY: linear
      241 (ii) MOLECULE TYPE: peptide
      243 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
X--> 245      Xaa Xaa Xaa Xaa Xaa Xaa Pro Xaa Pro Pro Xaa Pro Xaa Xaa
      246      1              5              10
      248 (2) INFORMATION FOR SEQ ID NO: 15:
      250 (i) SEQUENCE CHARACTERISTICS:
      251 (A) LENGTH: 27 base pairs
      252 (B) TYPE: nucleic acid
      253 (C) STRANDEDNESS: single
      254 (D) TOPOLOGY: linear
      256 (ii) MOLECULE TYPE: cDNA
      258 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
      260 CTGTGCGGAT CCATGGATCG CAAGACG                      27
      262 (2) INFORMATION FOR SEQ ID NO: 16:
      264 (i) SEQUENCE CHARACTERISTICS:
      265 (A) LENGTH: 27 base pairs
      266 (B) TYPE: nucleic acid
      267 (C) STRANDEDNESS: single
      268 (D) TOPOLOGY: linear
      270 (ii) MOLECULE TYPE: cDNA
      272 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
      274 CTGTGCGAAT TCCTAGCCGC ACTTTTG                      27
      276 (2) INFORMATION FOR SEQ ID NO: 17:
      278 (i) SEQUENCE CHARACTERISTICS:
      279 (A) LENGTH: 63 base pairs
      280 (B) TYPE: nucleic acid
      281 (C) STRANDEDNESS: single
      282 (D) TOPOLOGY: linear
      284 (ii) MOLECULE TYPE: cDNA
      286 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
      288 GACTGTGCCT CGAGKNNKNN KNNKNNKNNK YYNNKNNKN NKNNKNNKTC TAGACGTGTC 60
  
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RAW SEQUENCE LISTING DATE: 09/22/2000
 PATENT APPLICATION: US/09/050,359A TIME: 12:51:23

Input Set : A:\FOWLK4B.txt
 Output Set: N:\CRF3\09222000\I050359A.raw

290 AGT 63
 292 (2) INFORMATION FOR SEQ ID NO: 18:
 294 (i) SEQUENCE CHARACTERISTICS:
 295 (A) LENGTH: 15 base pairs
 296 (B) TYPE: nucleic acid
 297 (C) STRANDEDNESS: single
 298 (D) TOPOLOGY: linear
 300 (ii) MOLECULE TYPE: cDNA
 302 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
 304 ACTGACACGT CTAGA 15
 306 (2) INFORMATION FOR SEQ ID NO: 19:
 308 (i) SEQUENCE CHARACTERISTICS:
 309 (A) LENGTH: 22 amino acids
 310 (B) TYPE: amino acid
 311 (C) STRANDEDNESS: single
 312 (D) TOPOLOGY: linear
 314 (ii) MOLECULE TYPE: peptide
 316 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
 318 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Glu His Val Cys Ser
 319 1 5 10 15
 321 Trp Gly Trp Gly Arg Cys
 322 20
 324 (2) INFORMATION FOR SEQ ID NO: 20:
 326 (i) SEQUENCE CHARACTERISTICS:
 327 (A) LENGTH: 11 amino acids
 328 (B) TYPE: amino acid
 329 (C) STRANDEDNESS: single
 330 (D) TOPOLOGY: linear
 332 (ii) MOLECULE TYPE: peptide
 334 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
 336 Pro Thr Ser Asp Leu Trp Arg Asn Leu Gly Gly
 337 1 5 10
 339 (2) INFORMATION FOR SEQ ID NO: 21:
 341 (i) SEQUENCE CHARACTERISTICS:
 342 (A) LENGTH: 11 amino acids
 343 (B) TYPE: amino acid
 344 (C) STRANDEDNESS: single
 345 (D) TOPOLOGY: linear
 347 (ii) MOLECULE TYPE: peptide
 349 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
 351 Trp Gly Glu Thr Met Trp Asp Asn Arg Lys Val
 352 1 5 10
 354 (2) INFORMATION FOR SEQ ID NO: 22:
 356 (i) SEQUENCE CHARACTERISTICS:
 357 (A) LENGTH: 11 amino acids
 358 (B) TYPE: amino acid
 359 (C) STRANDEDNESS: single
 360 (D) TOPOLOGY: linear
 362 (ii) MOLECULE TYPE: peptide

VERIFICATION SUMMARY

DATE: 09/22/2000

PATENT APPLICATION: US/09/050,359A

TIME: 12:51:24

Input Set : A:\FOWLK4B.txt

Output Set: N:\CRF3\09222000\I050359A.raw

L:31 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:32 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:1905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121
L:2742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:177